

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 28 (7/11/2021- 7/17/2021)

COCONINO COUNTY
July 23, 2021



Situation Summary

MMWR Week 28 (7/11/2021-7/17/2021)

A total of 18,196 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – July 17, 2021.

Deaths: 317 (2% of cases)

Probable Deaths: 5

Recovered Cases: 17,609

(97% of cases)

Hospitalizations: 1,352

(7% of cases)

Total Fully Vaccinated: 65,250 (51.8% of the eligible population)

Cases Reported Week 28 (July 11, 2021 - July 17, 2021):

**121
Positive
Cases**

**75%
Not Fully
Vaccinated**

**85.5
Rate per
100,000**

**11.6%*
Positivity
Yield**

Community Transmission

- Coconino County has a current **incidence rate of 85.5 per 100,000, percent positivity of 11.6%***, and **COVID-19-Like-Illness incidence (CLI) of 2.4%****.
- Coconino County is currently at a **moderate***** level of community transmission.

| Benchmarks | Minimal | Moderate | Substantial |
|-----------------------|----------------------|---------------------------------|-----------------------|
| Cases | <10 cases/100,000 | 10-100 cases/100,000 | >100 cases/100,000 |
| Percent Positivity | <5% | 5-10% | >10% |
| COVID-19-Like-Illness | <5% | 5-10% | >10% |

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

**Percent positivity was calculated using only ELR data.*

***CLI is reported using hospital surveillance at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.*

**** ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category.*

Cumulative Counts (March 15, 2020 – July 17, 2021):

18,196
Positive
Cases

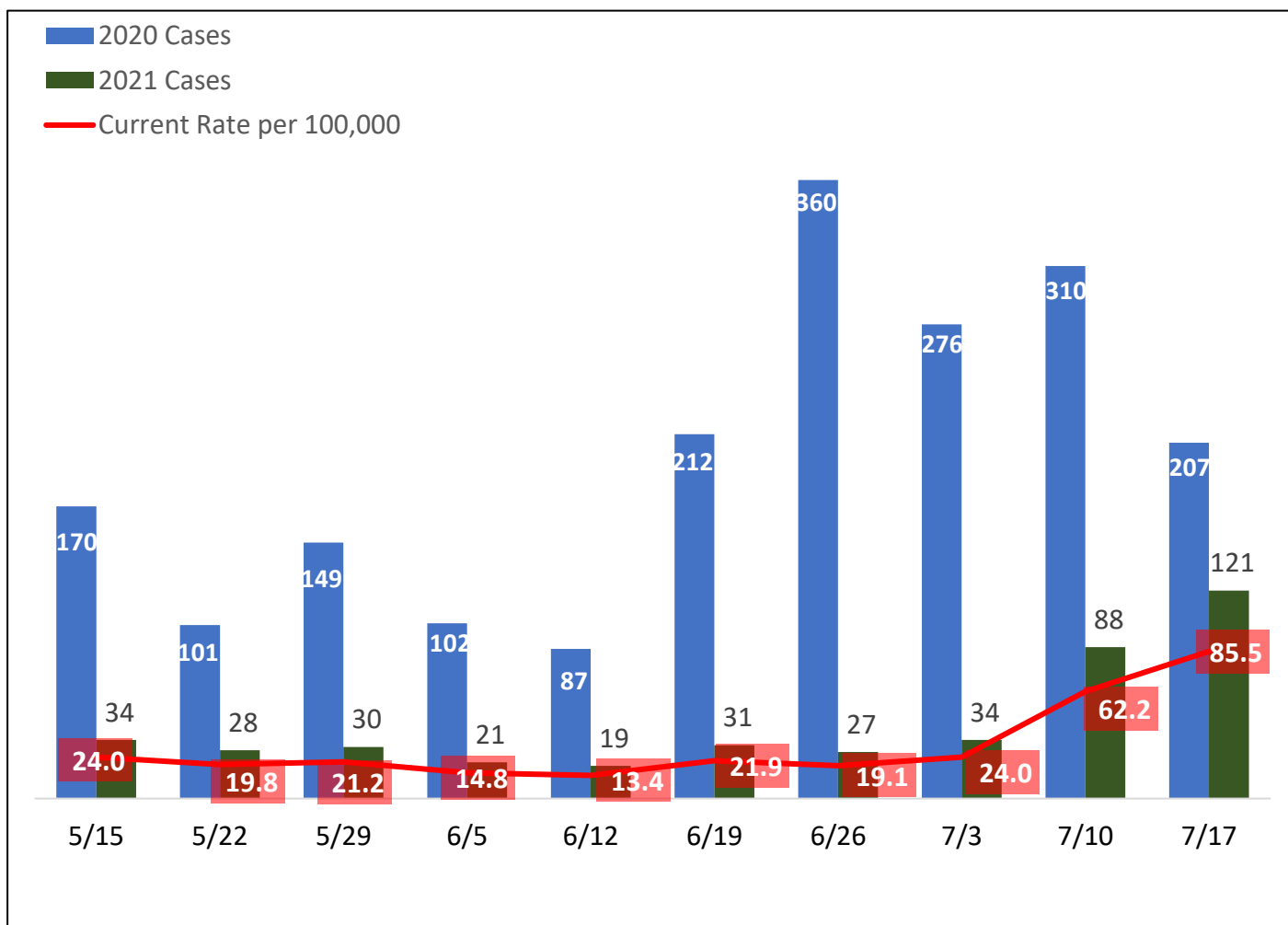
266,316
Total
Tests

93,675
People
Tested

11.0%
Positivity
Yield

12,860.4 cases per 100,000 Coconino County Residents
vs.
12,695.1 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:

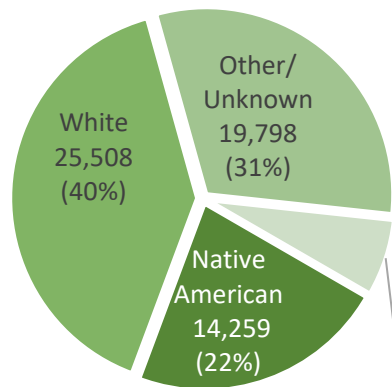


COVID-19 Situation Summary*

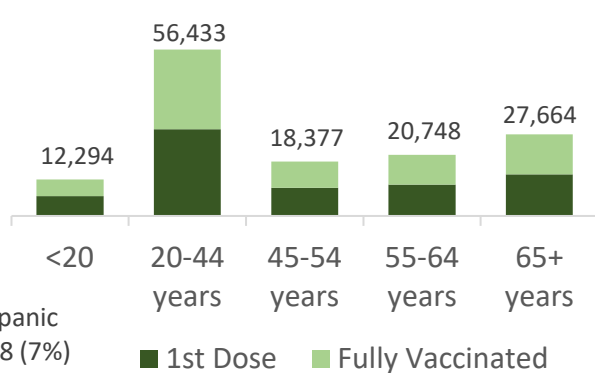
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

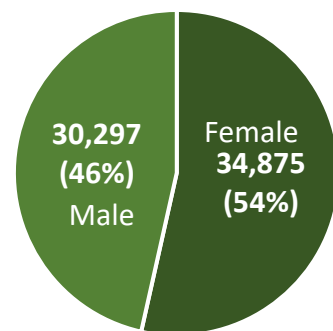
Fully Vaccinated by Race**



Vaccinations by Age

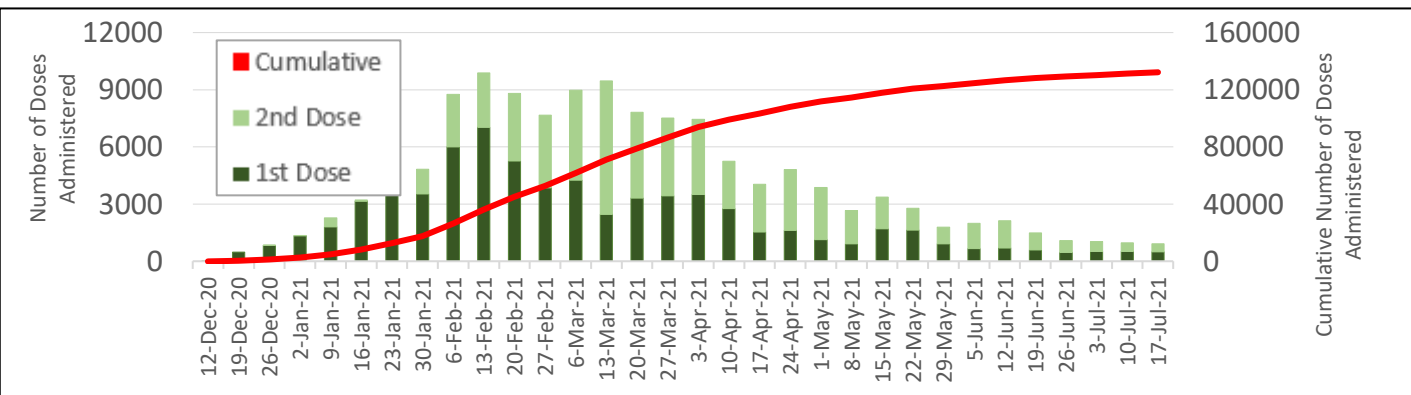


Fully Vaccinated by Sex



**The following races account for less than 1% of total vaccinations:
Asian or Pacific Islander (1,003), and Black or African American (454).

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

| Location | At least one dose | Fully vaccinated | Fully vaccinated per 100,000† |
|-------------|-------------------|------------------|-------------------------------|
| Flagstaff | 45,771 | 42,458 | 49,578 |
| 86001/86005 | 26,129 | 24,196 | 54,532 |
| 86004 | 18,779 | 17,455 | 55,420 |
| 86011 | 863 | 807 | 8,258 |

†Population estimates include residents aged 10 and older.

| Location | At least one dose | Fully vaccinated | Fully vaccinated per 100,000† |
|--------------------|-------------------|------------------|-------------------------------|
| Page | 4,958 | 4,742 | 69,561 |
| Tribal Communities | 13,311 | 12,250 | 58,959 |
| Williams | 2,243 | 2,081 | 41,529 |
| Grand Canyon | 1,586 | 1,471 | 67,788 |
| Other Areas | 2,397 | 2,248 | 39,929 |

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

COVID-19 Situation Summary*

Location:

| Location | Positive Cases | Case Incidence per 100,000 | Positivity Yield | Fully Vaccinated | % of Population Fully Vaccinated [†] |
|--------------------|----------------|----------------------------|------------------|------------------|---|
| Flagstaff | 10,838 | 11,353 | 9.0% | 42,458 | 49.6% |
| Page | 1,258 | 16,704 | 17.4% | 4,742 | 69.6% |
| Tribal Communities | 4,704 | 19,107 | 15.9% | 12,250 | 59.0% |
| Williams | 607 | 10,658 | 14.1% | 2,081 | 41.5% |
| Grand Canyon | 211 | 8,314 | 13.8% | 1,471 | 67.8% |
| Other Areas | 578 | 10,243 | 12.2% | 2,248 | 39.9% |

[†]Population estimates include residents aged 10 and older.

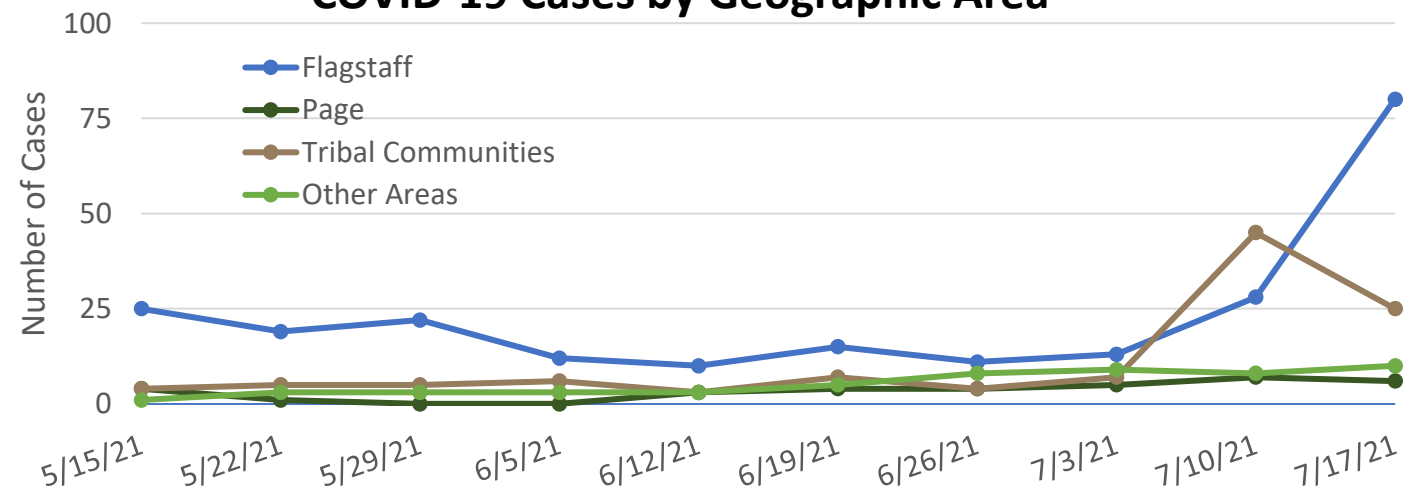
Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



Key Take Away

- **Flagstaff** experienced the largest **increase in cases** from the previous week with a **186% increase**.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.

COVID-19 Cases by Geographic Area



*Cases reported from 3/15/20-7/17/21

Age:

| Age | Positive Cases | Case Incidence per 100,000 | Positivity Yield | Fully Vaccinated | % of Population Fully Vaccinated [‡] |
|-------------|----------------|----------------------------|------------------|------------------|---|
| <20 years | 3,772 | 9,243 | 12.0% | 5,652 | 22.1% |
| 20-44 years | 9,028 | 17,295 | 11.1% | 27,003 | 51.7% |
| 45-54 years | 2,079 | 14,153 | 11.9% | 8,917 | 60.7% |
| 55-64 years | 1,796 | 10,823 | 10.3% | 10,123 | 61.0% |
| 65+ years | 1,521 | 8,956 | 9.1% | 13,555 | 79.8% |

[‡]Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

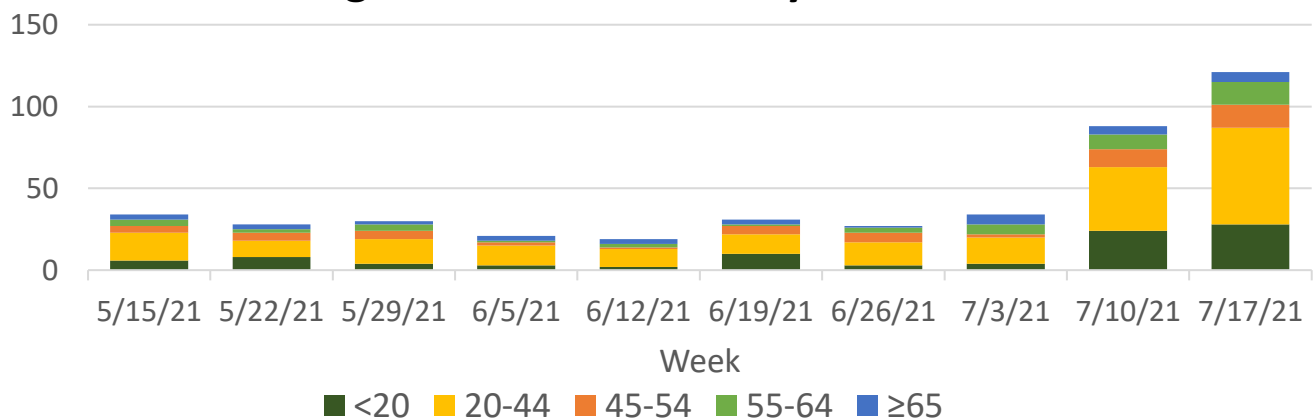
The median age of Coconino County COVID-19 cases is 30 years old



Key Take Away

- The highest **case incidence** for week 28 was observed among residents aged 20-44 with an incidence of 113 per 100,000.
- The highest **positivity yield** for week 28 was observed among residents aged 45-54 with a positivity yield of 20.3%.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

Age of Positive Cases by Week



*Cases reported from 3/15/20-7/17/21

Race/Ethnicity:

| Race/ Ethnicity | Confirmed Cases | Case Incidence per 100,000 | Fully Vaccinated | % of the Population Fully Vaccinated [‡] |
|------------------------------|--------------------|-------------------------------|---------------------|--|
| Native American | 7,005 | 19,247 | 14,259 | 43.1% |
| White | 6,105 | 7,995 | 25,508 | 34.2% |
| Hispanic | 2,881 | 14,455 | 4,228 | 23.8% |
| Black or African American | 241 | 15,292 | 454 | 21.2% |
| Asian/ Pacific Island | 204 | 7,101 | 1,003 | 32.6% |
| Other/ Unknown | 1,760 | N/A | 19,798 | N/A |

[‡]Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

Sex:

| Sex | Confirmed Cases | Case Incidence per 100,000 | Positivity Yield | Fully Vaccinated | % of the Population Fully Vaccinated [‡] |
|--------|--------------------|-------------------------------|---------------------|---------------------|---|
| Female | 9,248 | 12,937 | 10.2% | 34,875 | 54.4% |
| Male | 8,914 | 12,773 | 12.0% | 30,297 | 48.9% |

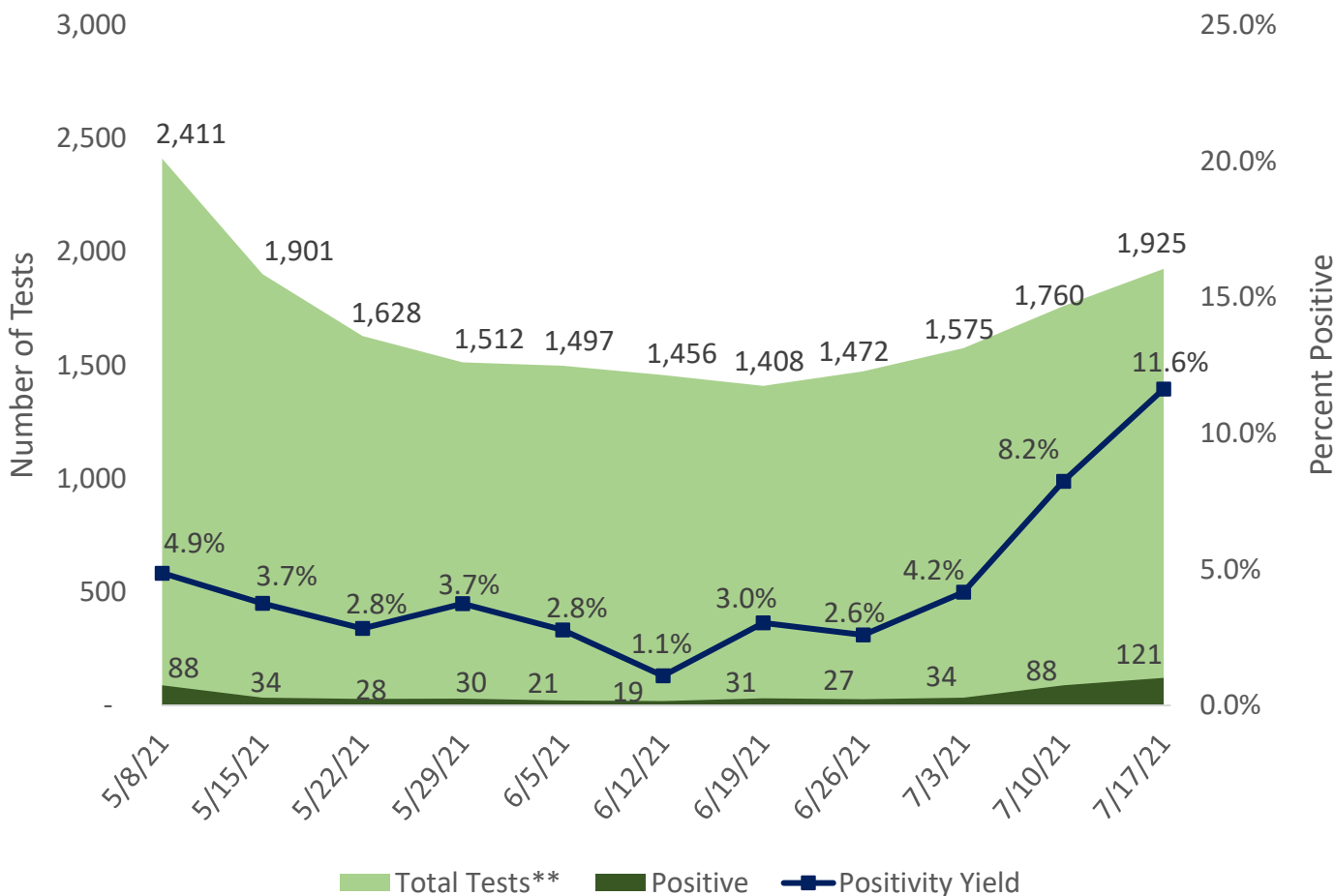
[‡] Population Estimates include residents aged 10 and older



Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 12% more tests than male residents.
- Male residents have higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing:

People Tested: A total of 93,675 Coconino County residents have been tested.

Tests Conducted: A total of 266,316 have been conducted among Coconino County residents.

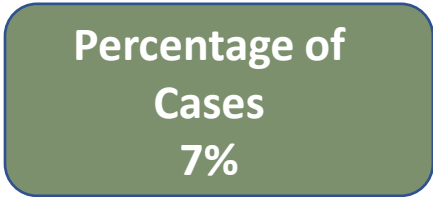
Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 7,784**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

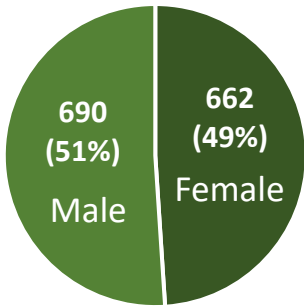
- **Currently being monitored: 84 (As of 7/17/2021)**
- **Total individuals monitored to date: 7,290**

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

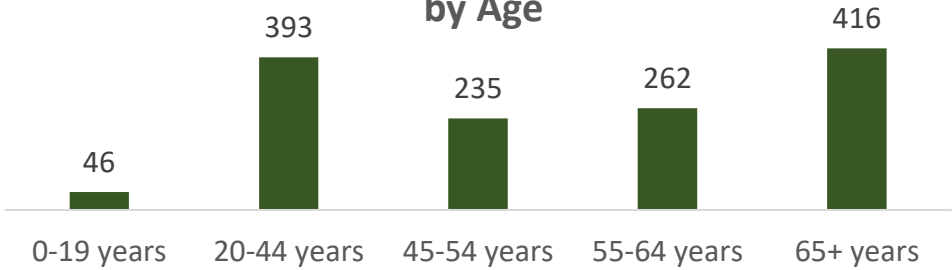


Sex

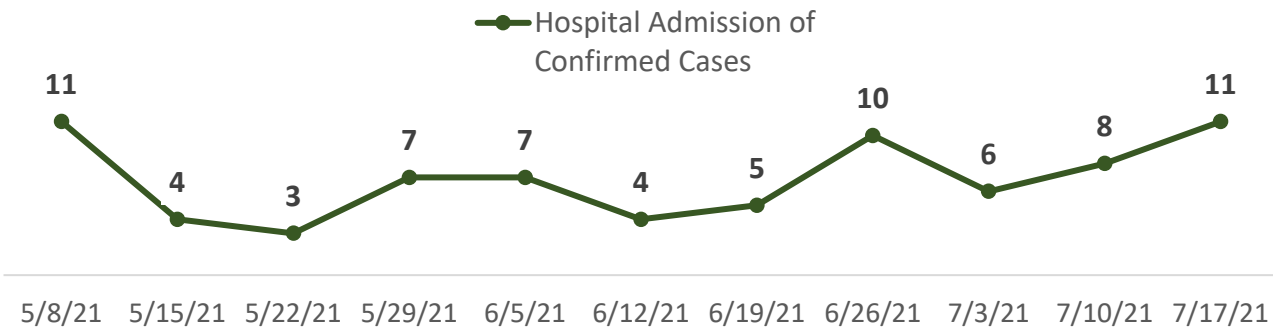


17% of hospitalized residents were in the ICU and 7% were intubated.

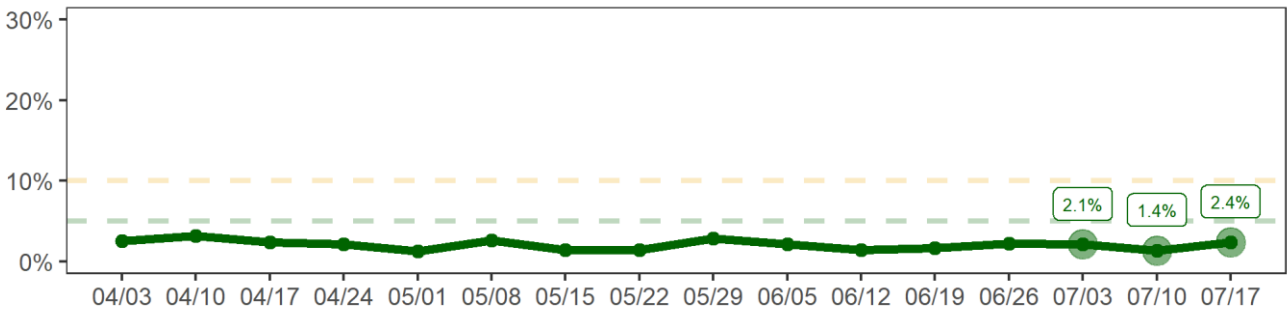
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-7/17/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

COVID-19 Situation Summary*

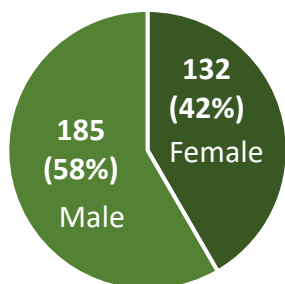
COVID-19 Related Deaths:

Percentage of
Cases
2%

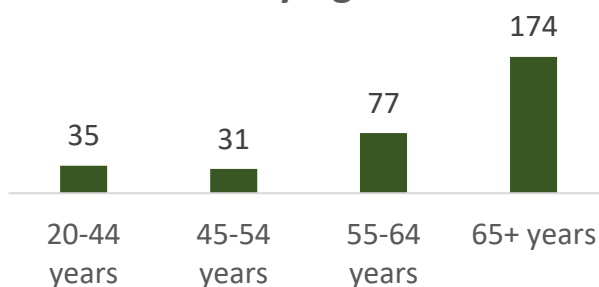
Deaths
317

Fatalities
Per 100,000
224.0

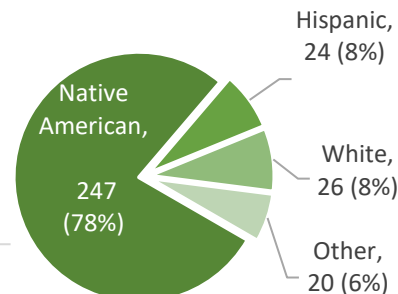
Sex



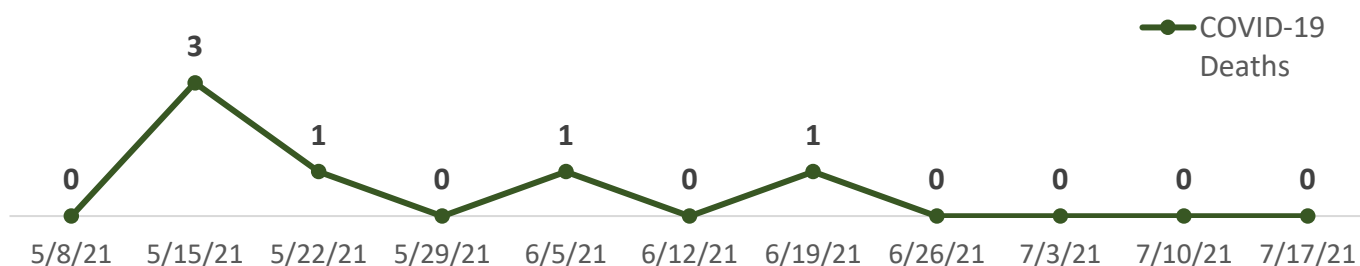
Coconino COVID-19 Deaths by Age



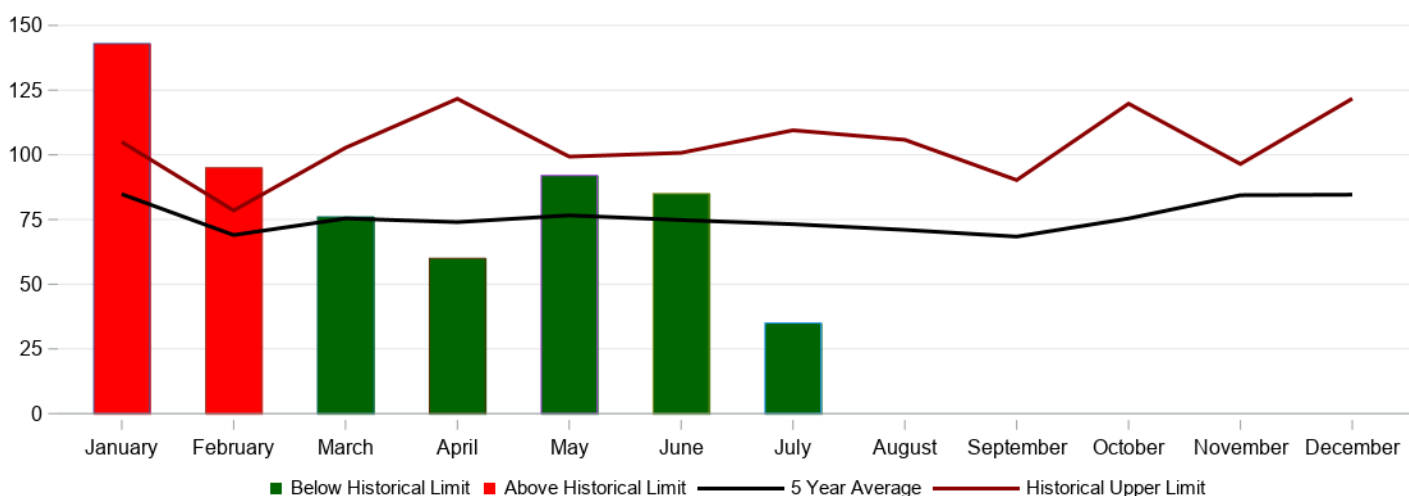
Race



Weekly COVID-19 Deaths Among Coconino County Residents:

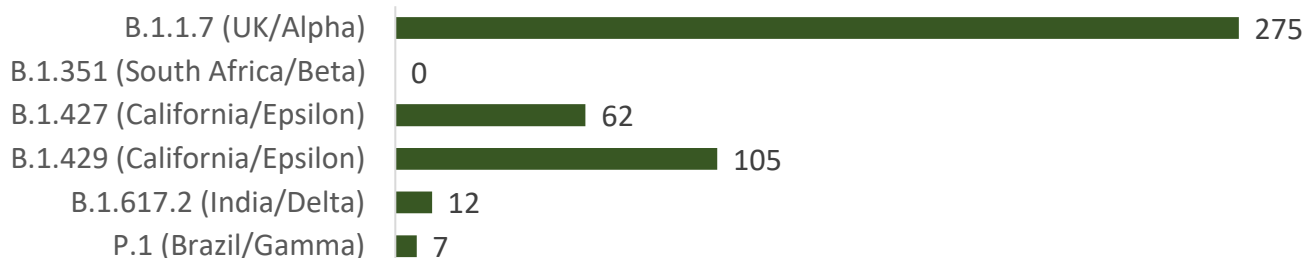


2021 All Deaths Aberration



COVID-19 Variants:

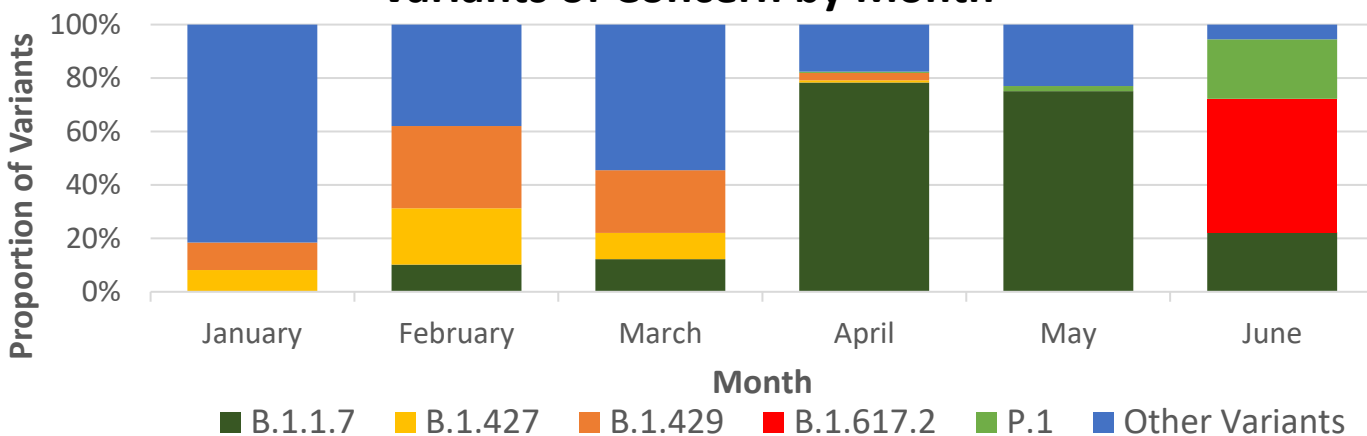
Coconino County Total Variants of Concern**



**A variant for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), reduced effectiveness of treatments or vaccines, or diagnostic detection failures as defined by the CDC. Current data suggest that COVID-19 vaccines authorized for use in the United States offer protection against variants currently spreading in Coconino County.

89% of identified variants of concern are among Flagstaff residents.

Variants of Concern by Month



1,309 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions/)

For more information regarding variant testing in Arizona, please visit the TGen website:

[AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/az-covid-19-sequencing-dashboard/)

Vaccine Breakthrough***:

Total Vaccine Breakthrough Cases: 124 (0.7% of all cases)

Vaccine Breakthrough Cases with Variant of Concern: 9 (7% of vaccine breakthrough cases)

***Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS.

*Cases reported from 3/15/20-7/17/21